



# CONSTRUCTION EQUIPMENT

SWA560052-10 ALTER SENNEBOGEN 835 835.0.2949 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP453538  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** SWA560052-10 ALTER



## SAMPLE INFORMATION

Sample Number	<b>VCP453538</b>	VCP433765	VCP363687	---
Sample Date	<b>17 May 2024</b>	01 Mar 2024	01 Nov 2022	---
Machine Hours	<b>5900</b>	5345	1872	---
Oil Hours	<b>2000</b>	1000	500	---
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

## ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE  
 BLOOMINGTON, IL  
 US 61705

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## OIL CONDITION

Visc @ 40°C	cSt	<b>137</b>	136	150	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>7</b>	6	2	---
Sodium	ppm	<b>0</b>	<1	0	---
Potassium	ppm	<b>1</b>	<1	1	---



## WEAR METALS

Iron	ppm	<b>209</b>	124	34	---
Copper	ppm	<b>8</b>	6	11	---
Lead	ppm	<b>&lt;1</b>	0	0	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>2</b>	2	0	---
Chromium	ppm	<b>2</b>	<1	0	---
Molybdenum	ppm	<b>&lt;1</b>	0	0	---
Nickel	ppm	<b>1</b>	<1	0	---
Titanium	ppm	<b>&lt;1</b>	0	0	---
Silver	ppm	<b>&lt;1</b>	0	<1	---
Manganese	ppm	<b>3</b>	1	<1	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>49</b>	50	4	---
Magnesium	ppm	<b>2</b>	2	<1	---
Zinc	ppm	<b>30</b>	25	10	---
Phosphorus	ppm	<b>1769</b>	1930	1766	---
Barium	ppm	<b>0</b>	0	<1	---
Boron	ppm	<b>152</b>	112	96	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO5054  
**Unique No:** 11046317  
**Signed:** Wes Davis  
**Report Date:** 24 May 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

